

IN THE CLAIMS

1. (Original) A method of service creation and/or negotiation in a wireless network, comprising:

receiving a request for service creation or negotiation;

accessing a logically linked dynamic storage in accordance with the request;

obtaining, from the storage, user information associated with the request;

obtaining, from the storage, network information associated with the user information;

comparing the request with the user information and the associated network information;

and

providing the requested service based on the comparison.

2. (Original) The method of claim 1, wherein the logically linked dynamic storage is dynamically updated in accordance with the user and network information.

3. (Original) The method of claim 1, wherein the step of providing the requested service is

performed by accessing the logically linked dynamic storage without having to access any other portions of the network to minimize signal overloading.

4. (Original) A method of service creation and/or negotiation in a wireless network, comprising:

receiving a request for service creation or negotiation;

accessing a logically linked dynamic storage in accordance with the request;
obtaining, from the storage, service information associated with the request;
obtaining, from the storage, user information associated with the service information;
obtaining, from the storage, network information associated with the user information;
comparing the service information and user information with the associated network
information; and
providing the requested service based on the comparison.

5. (Original) The method of claim 4, wherein the logically linked dynamic storage is dynamically updated in accordance with the user, service and network information.

6. (Original) The method of claim 4, wherein the step of providing the requested service is performed by accessing the logically linked dynamic storage without having to access any other portions of the network.

7. (Original) A method of service creation and negotiation in a wireless network, comprising:
receiving a request from a user to create or negotiate a service;
accessing a storage having user information, service information and network
information stored therein;
comparing the request with the user information, the service information and the network
information; and

providing the data service to the user based upon the comparison.

8. (Original) The method of claim 7, further comprising:
periodically obtaining user, service and network information; and
dynamically updating the storage by periodically storing the periodically obtained user, service and network information.
9. (Original) The method of claim 8, wherein the dynamic storing includes storing network information into at least a first database.
10. (Original) The method of claim 9, wherein the dynamic storing includes storing user information into a second database.
11. (Original) The method of claim 7, wherein the accessing step is performed without having to access any other portions of the wireless network.
12. (Original) A method of user configurable service creation and negotiation in a wireless network, comprising:
receiving a request from a user to create or negotiate data services;
accessing at least a first database having network information and user information stored therein;
comparing the requests with the network information and the user information; and

providing the data services to the user based upon the comparison.

13. (Original) The method of claim 12, further comprising a step of dynamically storing the network information and the user information into the first database, the network information being wireless network information.

14. (Original) The method of claim 13, further comprising a step of dynamically storing Web-based network information into a second database.

15. (Original) The method of claim 12, wherein the accessing step is performed without having to access any other portions of the wireless network.

16. (Original) The method of claim 12, further comprising the step of periodically updating at least the first database with updated network and user information.

17. (Original) A system allowing service creation and negotiation in a wireless network, comprising:

a receiver to receive a request from a user to create or negotiate a service; and

a central processing node to process the request by comparing the request with user information, service information and network information dynamically stored therein, and to provide the requested service to the user based upon the comparison.

18. (Original) The system of claim 17, wherein the central processing node further comprises a first database having the network information dynamically stored therein.

19. (Original) The system of claim 18, wherein the central processing node further comprises a second database having the user information dynamically stored therein.

20. (Original) The system of claim 17, further comprising a first database having the network information dynamically stored therein.

21. (Original) The system of claim 20, further comprising a second database having the user information dynamically stored therein.

22. (Original) The system of claim 17, wherein the central processing node compares the network information and the user information without having to access any other portions of the wireless network.

23. (Original) The system of claim 17, wherein the central processing node periodically updates the network information and the user information.

24. (Original) A system allowing service creation and negotiation in a wireless network, comprising:

at least a first database storing network information and user information; and

a central processing node processing user requests by accessing the first database, comparing the requests with the network information and the user information dynamically stored in the first database, and providing the requested services to the users based upon the comparisons.

25. (Original) The system of claim 24, wherein the first database has the network information and the user information dynamically stored therein, the network information being wireless network information.

26. (Original) The system of claim 25, further comprising:
a second database having Web-based network information dynamically stored therein;
and wherein the central processing node compares the requests with the network information and the user information stored in the first and second databases.

27. (Original) The system of claim 24, wherein the central processing node accesses the first database without having to access any other portions of the wireless network.

28. (Original) The system of claim 24, wherein the central processing node periodically updates at least the first database with updated network and user information.

29. (Original) The system of claim 24, wherein the first database has a plurality of

portions being physically distributed throughout the entire wireless network, the distributed portions being connectively linked with the central processing node.

30. (Original) The system of claim 24, wherein the central processing node includes the first database.